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EAST SEARCH

5/24/04

L#	Hits	Search String	Databases
L1	18822	assembly near3 electronic	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L2	2472	1 and (model\$6 or simulat\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L3	0	2 and (metric and performance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L4	29	2 and (metric and performance)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L5	316	2 and (priorit\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L6	3	2 and (priorit\$5 near3 (solution or result or answer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
L7	226	(assembly near3 electronic) same (model\$6 or simulat\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
Results of search set L7:			
US 20040098151 A1	System and method for creating a representation of an assembly	20040520	700/95
US 20040090741 A1	Vibration tolerant electronic assembly and related methods	20040513	361/685
US 20040082055 A1	Anaerobic bioremediation system	20040429	435/262.5
US 20040080894 A1	Vehicle ignition system using ignition module with reduced heat generation	20040429	361/103
US 20040080893 A1	Vehicle ignition system using ignition module with reduced heat generation	20040429	361/103
US 20040079349 A1	Vehicle ignition system using ignition module with reduced heat generation	20040429	123/617
US 20040041012 A1	Low strain chip removal apparatus	20040304	228/264
Moving source dipole electromagnetic exploration device for deeper and poorer conductors and a method of detecting such conductors			
US 20040000919 A1	Moving source dipole electromagnetic exploration device for deeper and poorer conductors and a method of detecting such conductors	20040101	324/693
US 20030231982 A1	Method of forming gas-enriched fluid	20031218	422/45
US 20030215356 A1	Method of blood oxygenation	20031120	422/45
US 20030195430 A1	Tonometer calibration tool	20031016	600/559
US 20030194348 A1	Apparatus for blood oxygenation	20031016	422/45
US 20030161759 A1	Apparatus for blood oxygenation	20030828	422/45
US 20030146022 A1	Self-controlled directional drilling systems and methods	20030807	175/61
US 20030121529 A1	Semi-aqueous solvent based method of cleaning resin flux residue	20030703	134/2
US 20030120468 A1	Embedded sensor steering shaft	20030626	703/8
US 20030112587 A1	Hermetically sealed housing	20030619	361/679
US 20030095892 A1	Apparatus for blood oxygenation	20030522	422/45
US 20030092512 A1	Practice ball hitting device	20030515	473/423
US 20030091470 A1	METHOD OF BLOOD OXYGENATION	20030515	422/45
US 20030075171 A1	Housing for an inhaler	20030424	128/200.23
US 20030066893 A1	Remote control support assembly	20030410	248/176.1
US 20030056593 A1	Multi-level machine vibration tester marker pen	20030327	73/649

US 20030048603 A1	Vibration tolerant electronic assembly and related methods	20030313	361/685
US 20030048198 A1	Self-contained downhole sensor and method of placing and interrogating same	20030313	340/853.3
US 20030047175 A1	Pneumatic gun	20030313	124/76
US 20030043055 A1	Self-contained downhole sensor and method of placing and interrogating same	20030306	340/856.3
US 20030039299 A1	Sensor device and method for qualitative and quantitative analysis of gas phase substances	20030227	374/141
US 200300233418 A1	Apparatus and method for simulating production with electronic-component mounting apparatus	20030130	703/6
US 20030020603 A1	Vehicular sound-processing system incorporating an interior mirror user-interaction site for a restricted-range wireless communication system	20030130	340/425.5
US 20020175670 A1	System and method for sensing magnetic fields	20021128	324/96
US 20020161727 A1	Methods and systems for electronics assembly systems pricing and customer benefit sharing	20021031	705/400
US 20020124394 A1	System and processes for performing quick changeovers on assembly lines	20020912	29/771
US 2002011225 A1	Portable, weather-resistant golf practice device	20020815	473/278
US 20020107677 A1	Electronics assembly systems customer benefit modeling tools and methods	20020808	703/13
US 20020091966 A1	Self-test electronic assembly and test system	20020711	714/25
US 20020082816 A1	Methods and systems for electronics assembly system consultation and sales	20020627	703/13
US 20020053276 A1	Electronic guitar with its keys arranged in complex array	20020509	84/719
US 20020053066 A1	Circuit breaker mechanism modeling	20020502	716/5
US 20020018343 A1	Focusing waterproof flashlight	20020214	362/188
US 20020006033 A1	METHOD OF EXTENDING LIFE EXPECTANCY OF SURFACE MOUNT COMPONENTS	20020117	361/770
US 200110037723 A1	Electric keyboard assembly and method of manufacturing weight members provided in keyboard assembly	20011108	84/744
US 20010034272 A1	Portable, weather resistant golf practice device	20011025	473/278
US 20010016729 A1	Apparatus and method for blood oxygenation	20010823	604/525
US 20010006415 A1	Method, system and device for representing a structure	20010705	356/30
US 20010005084 A1	Door assembly module and method	20010628	296/56
US 6720176 B1	Liquid chemical compositions containing soluble sulfates and methods for anaerobic bioremediation	20040413	435/262
US 6683680 B2	Method, system and device providing a musical representation of a transparent or translucent structure	20040127	356/30
US 667942 B2	Tonometer calibration tool	20040120	600/398
US 6672168 B2	Multi-level machine vibration tester marker pen	20040106	73/660
US 6656063 B2	Practice ball hitting device	20031202	473/429

US 6651637 B1	Vehicle ignition system using ignition module with reduced heat generation	20031125	123/609
US 6643798 B2	Self-test electronic assembly and test system	20031104	714/25
US 6639403 B2	System and method for sensing magnetic fields based on movement	20031028	324/260
US 6629044 B1	Electrical distribution analysis method and apparatus	20030930	702/60
US 6621694 B2	Vibration tolerant electronic assembly and related methods	20030916	361/685
US 6602468 B2	Method of blood oxygenation	20030805	422/45
US 6602467 B1	Apparatus and method for blood oxygenation	20030805	422/45
US 6596235 B2	Method for blood oxygenation	20030722	422/44
US 6576829 B1	Electronic percussion instrument with transducer soldering connection protection	20030610	84/737
US 6576191 B1	Apparatus for blood oxygenation	20030610	422/45
US 6574857 B1	Assembly device	20030610	29/740
US 6565807 B1	Method of blood oxygenation	20030520	422/45
US 6560857 B1	Assembly device	20030513	29/740
US 6555059 B1	Method of forming gas-enriched fluid	20030429	422/45
US 6552441 B1	Electronic control unit for a motor vehicle	20030422	30/79.1
US 6547414 B2	Focusing waterproof flashlight	20030415	362/188
US 6540966 B1	Apparatus and method for recycling contaminated liquids	20030401	422/186.21
US 6538576 B1	Self-contained downhole sensor and method of placing and interrogating same	20030325	340/854.6
US 6528745 B1	Manual operator for interlock	20030304	200/50.32
US 6513606 B1	Self-controlled directional drilling systems and methods	20030204	175/61
US 6488652 B1	Safety valve assembly for implantable beneficial agent infusion device	20021203	604/93.01
US 6445589 B2	Method of extending life expectancy of surface mount components	20020903	361/760
US 6430431 B1	MRI system for measuring vision capabilities	20020806	600/410
US 6429592 B1	Housing for fluorescent lamps retrofitted double ended sockets	20020806	315/56
US 6421237 B1	Portable computers with multi-platform architecture and method for manufacturing the same	20020716	361/686
US 6420975 B1	Interior rearview mirror sound processing system	20020716	340/815.4
US 6416106 B2	Door assembly module and method	20020709	296/56
US 6396942 B1	Method and apparatus for locating ball grid array packages from two-dimensional image data	20020528	382/141
US 6387324 B1	Apparatus and method for blood oxygenation	20020514	422/45
US 6385739 B1	Self-test electronic assembly and test system	20020507	714/25
US 6376991 B1	Circuit assembly for inclusion within fluorescent lamp	20020423	315/58
US 6353915 B1	Methods for evaluating systems of electronic components	20020305	716/4
US 6344355 B1	Anaerobic bioremediation system	20020205	435/262
US 6242910 B1	Magnetic head and disk tester with yaw correction	20010605	324/212
US 6238388 B1	Low-voltage electrosurgical apparatus	20010529	606/37
US 6212045 B1	Method and apparatus for loading a magnetic head onto a magnetic disk	20010403	360/255.2

US 6187001 B1	Apparatus and method for removing hair	20010213	606/9
US 6174016 B1	Door assembly module and method	20010116	296/56
US 6151406 A	Method and apparatus for locating ball grid array packages from two-dimensional image data	20001121	382/147
US 6087574 A	Electronic piano	20000711	84/423R
US 6050447 A	Bulk vending machine system with mechanically operated electrically actuated locking and control function	20000418	221/125
US 6040839 A	Referencing system and method for three-dimensional objects displayed on a computer generated display	20000321	345/619
US 6020185 A	Method and composition for the anaerobic biodegradation of toxic compounds	20000201	435/262
US 6005178 A	Electronic musical instrument simulating acoustic piano keytouch characteristics	19991221	84/440
US 5991163 A	Electronic circuit board assembly and method of closely stacking boards and cooling the same	19991123	361/788
US 5986202 A	Electronic keyboard instrument	19991116	84/719
US 5966684 A	Method and apparatus for cancelling periodic electrical interference	19991012	702/191
US RE36277 E	Infrared method and apparatus for measuring gas concentration of a plurality of component gases in a sample	19990824	250/339.13
US 5914864 A	Shock and vibration attenuating structure for an electronic assembly	19990622	361/752
US 5913051 A	Method of simultaneous simulation of a complex system comprised of objects having structure state and parameter information	19990615	703/23
US 5905594 A	Light reflectant surface in a recessed cavity substantially surrounding a compact fluorescent lamp	19990518	359/599
US 5895875 A	Keyboard assembly for electronic musical instrument	19990420	84/423R
US 5842300 A	Retrofittable laser and recoil system for a firearm	19981201	42/116
US 5831164 A	Linear and rotational accelerometer	19981103	73/514.01
US 5793632 A	Cost estimating system using parametric estimating and providing a split of labor and material costs	19980811	705/400
US 5764131 A	Multi-function beeper and housing	19980609	340/311.2
US 5760880 A	Laser apparatus	19980602	355/67
US 5757820 A	Method for testing interconnections between integrated circuits using a dynamically generated interconnect topology model	19980526	714/738
US 5757678 A	Method of simultaneous simulation of a complex system having system objects, parameter objects, state objects, and simulation objects	19980526	703/6
US 5744975 A	Enhanced defect elimination process for electronic assemblies via application of sequentially combined multiple stress processes	19980428	324/760
US 5740294 A	Optical sound head combined with a sound film projector	19980414	385/93
US 5654125 A	Laser apparatus and process of use	19970805	430/306
US 5611691 A	Modular construction kit using electronic control modules	19970318	434/224

US 5583339 A	Infrared method and apparatus for measuring gas concentration of a plurality of component gases in a sample	19961210	250/339.13
US 5573076 A	Automated drill	19961112	175/24
US 5539652 A	Method for manufacturing test simulation in electronic circuit design	19960723	703/14
US 5510269 A	Infrared method and apparatus for measuring gas concentration including electronic calibration	19960423	436/164
US 5499433 A	Apparatus for surface treatment of pile and plush fabrics	19960319	26/2R
US 5441824 A	Quasi-bipolar battery requiring no casing	19950815	429/53
US 5440230 A	Combinatorial signature for component identification	19950808	324/158.1
US 5428688 A	Voice transmission system with remote microphone	19950627	381/344
US 5424872 A	Retrofit line of sight stabilization apparatus and method	19950613	359/811
US 5422495 A	Optical sensor having a floatation means for detecting fluids through refractive index measurement	19950606	250/573
US 5420978 A	Method and apparatus for customizing a schedule display	19950530	345/745
US 5419222 A	Method for measuring the contour of a machined part	19950530	82/1.11
US 5415050 A	Method and apparatus for measuring threaded closure application torque	19950516	73/862.23
US 5392555 A	Illuminated fishing lure apparatus	19950228	43/17.6
US 5387899 A	Alarm system with monitoring circuit for detecting a cut or short in a pair of wires	19950207	340/514
US 5366402 A	Toy bubble machine	19941122	446/16
US 5330073 A	Gasoline dispenser leak detectors and automatic shut-off systems	19940719	222/52
US 5299295 A	Method and apparatus for electronically viewing, printing, and registering checks	19940329	358/1.12
US 5285948 A	Reflow solder and static test station	19940215	228/104
US 5280273 A	Toxic gas detector system having convenient battery and sensor replacement	19940118	340/632
US 5273765 A	Initiating a response signal to a predetermined processing condition	19931228	426/231
US 5226724 A	Modular, user-installed, surface-mounted, fluorescent lighting system	19930713	362/260
US RE34302 E	Accelerating pedal for electronic throttle actuation system	19930706	123/399
US 5195873 A	Chemical transfer system	19930323	417/18
US 5190017 A	Exhaust gas recirculation system fault detector	19930302	123/676
US 5180440 A	Printed circuit thermocouple arrangements for personnel training and equipment evaluation purposes	19930119	136/230
US 5166624 A	Method for testing assembly susceptibility to electrostatic discharge events	19921124	324/452
US 5140889 A	Electronic percussion synthesizer assembly	19920825	84/723
US 5115705 A	Modular electronic keyboard with improved signal generation	19920526	84/617
US 5097513 A	Speaker system enclosure integrated with amplifier circuit board	19920317	381/160
US 5083965 A	Interactive doll system	19920128	446/305
US 5059382 A	Method of renovating the control system for controlling control clusters in a nuclear reactor, and a corresponding control system	19911022	376/215

US 5047947 A	Method of modeling the assembly of products to increase production yield	19910910	700/106
US 5042668 A	Method and apparatus for random electronic component testing	19910827	209/539
US 5003859 A	Percussive action modular electronic keyboard	19910402	84/423R
US 4999311 A	Method of fabricating interconnections to I/O leads on layered electronic assemblies	19910312	438/109
US 4998826 A	Agricultural infrared thermometer	19910312	374/129
US 4980002 A	Method of fabricating a layered electronic assembly having compensation for chips of different thickness and different I/O lead offsets	19901225	156/64
US 4977777 A	Non-contact contour gage	19901218	73/37.5
US 4976043 A	Precision contour gage	19901211	33/551
US 4973158 A	Rotating laser beam reference plane instrument	19901127	356/247
US 4959749 A	Layered electronic assembly having compensation for chips of different thickness and different I/O lead offsets	19900925	361/744
US 4944269 A	Accelerating pedal for electronic throttle actuation system	19900731	123/399
US 4914999 A	Keyboard assembly for forming keyboard apparatus of electronic musical instrument	19900410	84/423R
US 4905783 A	Vehicular controller with differential wheel speed input	19900306	180/422
US 4872854 A	Simulated ball used in sports incorporating an electronic component	19891010	439/577
US 4852054 A	Volumetric leak detection system for underground storage tanks and the like	19890725	702/51
US 4847795 A	System for diagnosing defects in electronic assemblies	19890711	702/184
US 4833570 A	Electronic circuit assembly	19890523	361/770
US 4817016 A	Non-destructive evaluation means and method of flaw reconstruction utilizing an ultrasonic multi-viewing transducer data acquisition system	19890328	702/39
US 4779310 A	Apparatus for evening a card-produced sliver	19881025	19/105
US 4735195 A	Device encouraging periodic joint motion and muscle activity	19880405	60/133
US 4623955 A	Ano-genital self-viewing device	19861118	362/135
US 4607543 A	Digital bottle opener	19860826	81/3.09
US 4589849 A	Dexterity evaluation apparatus	19860520	434/258
US 4561848 A	Electronic ammunition for simulating live ammunition detonation	19851231	434/18
US 4534735 A	Fire simulation device for training in the operation of shoulder weapons and the like	19850813	434/20
US 4530530 A	Locking latch assembly for mounting an electronic component drawer in a rack	19850723	292/256.75
US 4481627 A	Embedded memory testing method and apparatus	19841106	714/718
US 4417204 A	Printed circuit board tester and adapter with memory	19831122	714/736
US 4404464 A	Method and apparatus for electrically connecting a removable article, in particular a portable electronic card	19830913	235/438
US 4398421 A	Ultrasonic thickness measuring apparatus and method	19830816	73/597
US 4393970 A	Honor system vending machine	19830719	194/239
US 4366715 A	Pressure testing apparatus	19830104	73/714

US 4362179 A	Method and apparatus for controlling ink viscosity	19821207	137/3
US 4305281 A	Self-correcting self-checking turbine meter	19811215	73/195
US 4289831 A	Polyolefin films	19810915	428/515
US 4286471 A	Constant accuracy turbine meter	19810901	73/861.84
US 4276029 A	Visual cue simulator	19810630	434/43
US 4249238 A	Apparatus for sensor failure detection and correction in a gas turbine engine control system	19810203	701/100
US 4134680 A	Vehicle headlight testing apparatus	19790116	356/1121
US 3970155 A	Electronic torque wrench	19760720	73/862.26
US 3947974 A	Cardiological manikin auscultation and blood pressure systems	19760406	434/266
US 3895871 A	Electronic tachymeter	19750722	356/4.01
US 3895517 A	Electronic torque wrench	19750722	73/769
US 3790804 A	RADIOACTIVITY MONITORING APPARATUS FOR FLUIDS IN FLOW MEANS FOR THE RELIABLE TRANSMISSION OF DIGITAL SIGNALS ACROSS SLIP RINGS AND THE LIKE	19740205	250/506.1
US 3742468 A	ELECTRONICALLY GENERATED PERSPECTIVE IMAGES	19730626	360/39
US 3736564 A	DEVICE FOR REMOTE-CONTROLLED RECIPROCAL EMISSION, TRANSMISSION AND RECEIPTION OF MECHANICAL INFORMATION	19730116	318/675
US 3711758 A	DIAGNOSTIC AND REPAIR SYSTEM FOR SEMICONDUCTORS	19721107	324/766
US 3702437 A	DIGITAL DATA STORAGE SYSTEM	19720718	711/167
US 36778468 A	MULTIPARAMETER PROCESS SOLUTION ANALYZER-CONTROLLER	19720704	204/405
US 3674672 A	MINIATURIZED ELECTRONIC WATCH	19711221	368/80
US 3628323 A	SIMULATED ACTION MECHANISM FOR ELECTRONIC PIANO	19970404	
JP 09090949 A	LUNG SIMULATOR	20030522	
WO 3041778 A1	REDUNDANCY SYSTEM WITH "1:N" AND "1:1" REDUNDANCY FOR A ASN-SYSTEM	19990325	
WO 9914886 A1	A DEVICE FOR SOUND SIMULATION OF ORCHESTRAL MUSIC	19981112	
WO 9850904 A1	Transmission parameter adjustment arrangement for acoustic hearing arrangement	199900325	
DE 19618019 A1	Acoustic hearing arrangement for simulating human hearing defects	19971106	
DE 19618017 A1	Electronic book device	19971106	
FR 2657451 A1	Interface for fax machine	19900223	
FR 2635632 A1	Device for testing assemblies and/or for traffic simulation in an electronically controlled dialling system, in particular for a digital telephone dialling system	19840112	
DE 32255823 A1	Moving dipole electromagnetic modeling device for geophysical survey, has analog hardware with transmitter and receiver coil arranged vertically parallel, and digital hardware with EURO-bus architecture	20040413	
US 20040000919 A	Production simulation apparatus for assembly board production, simulates production based on production data generated for driving electronic component-mounting apparatus and input product command data	20030212	
US 20030023418 A			

US 20020082816 A	Electronic components assembly modeling method using spreadsheets involves associating specific values of operating parameters for each piece of equipment represented in proposed line configuration	20021031
US 6151406 A	Vision system for locating and positioning ball grid array balls on electronic assembly, has processor which determines correspondence between model balls and on-grid balls, to position BGA balls in physical space	20001121
JP 11121998 A	Computer equipped electronic component assembly system - has read unit to read from memory information which shows method of dealing based on output signal of specific model	19990430
WO 9850904 A	Orchestral music sound simulator - has selective electronic filter assembly electrically connected to priority analyser, to which is in sequence connected decision circuit	20030215
CN 1197315 A	Retainer of electronic card model assembly - has long insulating main body with pair of column supporters at both sides, and rotary part on planar top of column supporter	19981028
US 5757820 A	IC inter-connection testing method - involves applying test patterns to boundary scan cells of electronic assembly and determining whether inter-connections of IC matches with inter connect topology model	19980526
DE 19618019 A	Transmission parameter adjustment arrangement for acoustic hearing arrangement - includes realistic, three-dimensional model of human head and human ears with adjustable auditory canal volume, and special electronic assembly group with measuring amplifiers and electronic compensation amplifier	19971106
DE 19618017 A	Acoustic hearing arrangement for simulating human hearing defects - comprises realistic, three-dimensional image of human head equipped with realistic, three-dimensional models of human ears with defined amount of microphones	19971106
US 5539652 A	Computer-aided electronic circuit design and mfg. test simulation - simulating manufacturing test process, responsive to description of design of electronic assembly and to predetermined test and quality data to estimate manufacturing test and quality attributes	19960723
GB 2295953 A	Remotely controlled mechanical bird movement simulator - has dead or artificial bird mounted on adjustable height support with remotely controlled battery operated motor driving arms of wings	19960619
US 5392555 A	Illuminated fishing lure appts. - includes pair of selectively coloured LED illuminators positioned adjacent to transparent eye-simulating portions, and electronic flashing circuitry for driving illuminators at predetermined flashing rate	19950228

CA 2084806 A	Electronic template for edging eyeglass lenses - use electronically controlled spacer that mounts in place of normal pattern and serves as pattern generator and pattern generator is controlled by logic circuit	19940609
EP 601872 B	Laser range simulation equipment for testing rangefinder - uses optical scatter plate to model real world diffuse targets to provide attenuation of laser rangefinder output beam attenuation and to provide for Lambertian distribution of return laser energy	19940125
SU 1734119 A	Training simulator for cable communication lines - includes optical-electrical-conversion with orthogonal polarisation studies facilitated by variable delay elements	19920515
DE 3938847 A	Thermal element array for temp. data generation - has insulating support, conductive layer on support portion and printed circuit pattern(s) of different material on second portion	19900531
DE 68901725 E	Renovating control system for moving control rod assemblies in PWR - hard wired logic circuits replaced by electronic assemblies in planned reactor outage(s) and reactor can operate while renovation incomplete	198890719
EP 112742 A	Electronic target simulator for low;level air defence gun training - has video projection of target image showing moving background of terrain and horizon tilted with tilt of trunnions	19840601
SU 702550 A	Radio printed circuit board mock-up assembly - by using transparent perforated plate on two-coordinate grid lines and corner posts for vertical spacing of conductors	19791215